HP ProLiant DL320 Firewall/VPN/Cache Server

Quick setup poster

hp
invent

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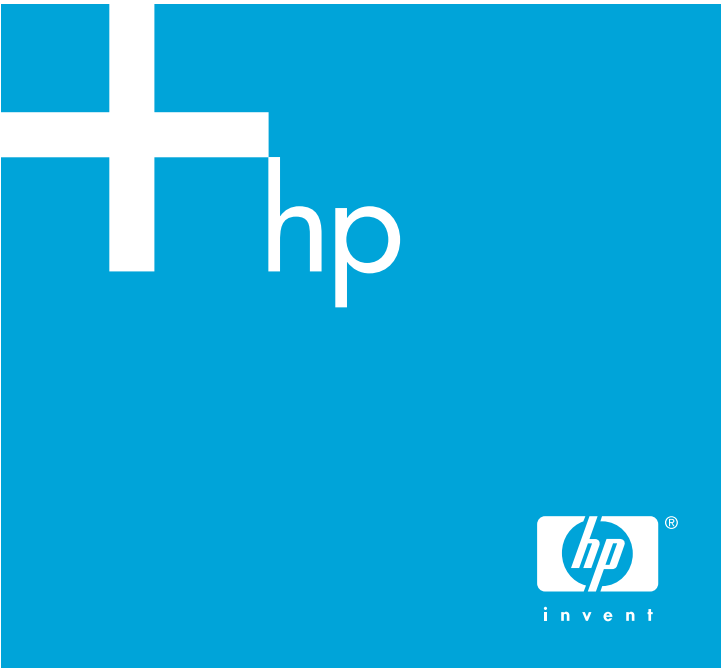
Welcome to the HP ProLiant DL320 Firewall/VPN/Cache Server

The HP ProLiant DL320 Firewall/VPN/Cache server is factory prepared to protect your networks and allow secure Internet access. Use this quick setup poster to help set up the ProLiant DL320 Firewall/VPN/Cache server.

HP highly recommends following the instructions in this quick setup poster to the end. This poster quickly guides you from opening the box to setting your initial custom firewall policy.
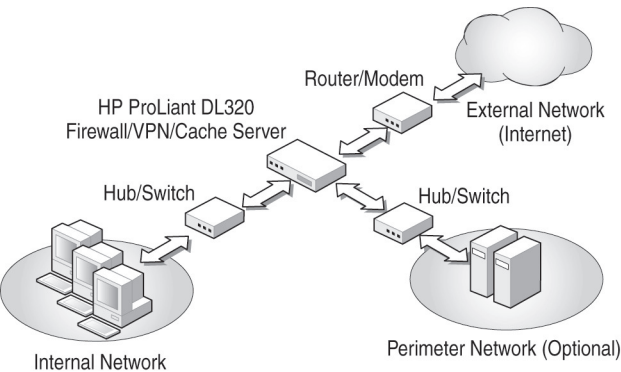
1 Checking the package contents

The package contains the following items in addition to the items listed in the ProLiant DL320 G3 server documentation:
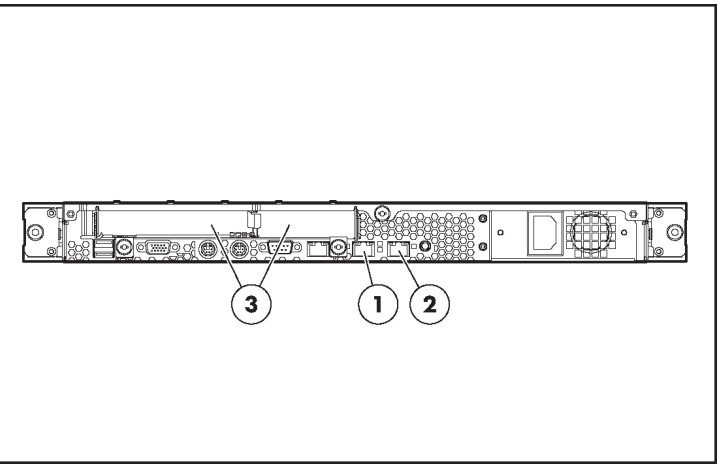
- Recovery CDs
- *HP ProLiant DL320 Firewall/VPN/Cache Server User Guide*
- *HP ProLiant DL320 Firewall/VPN/Cache Server Network Information Card*
- This quick setup poster

2 Verifying your network information

Use the *HP ProLiant DL320 Firewall/VPN/Cache Server Network Information Card* to record the network details needed during setup.

Router/Modem
HP ProLiant DL320
Firewall/VPN/Cache Server
External Network (Internet)
Hub/Switch
Hub/Switch
Internal Network
Perimeter Network (Optional)

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3 Connecting the ProLiant DL320 Firewall/VPN/Cache Server

Item	Description
1	NIC port 1 (internal network)
2	NIC port 2 (external network)
3	NIC port 3 (perimeter network, optional)*

* NIC 3 will be installed in either PCI-X expansion slot 1 or 2, depending on the type of NIC.

NOTE: The ProLiant DL320 Firewall/VPN/Cache server is set by default to maximum security, actively defending the network from the instant network communications starts. For more information about this feature, refer to the *HP ProLiant DL320 Firewall/VPN/Cache Server User Guide.*

1. Plug one end of cable 1 into the internal port on the ProLiant DL320 Firewall/VPN/Cache server, and plug the other end into the internal network hub or switch.
2. Plug one end of cable 2 into the external port on the ProLiant DL320 Firewall/VPN/Cache server, and plug the other end into the Internet-connected router or modem.
3. To use a perimeter network, plug one end of cable 3 into the perimeter port on the ProLiant DL320 Firewall/VPN/ Cache server, and plug the other end into your perimeter network hub or switch.
4. Connect a monitor to the VGA port on the ProLiant DL320 Firewall/VPN/Cache server.
5. Connect a keyboard and a mouse to the keyboard and mouse ports.
6. Plug the computer end of the power cord into the ProLiant DL320 Firewall/VPN/Cache server power inlet, and plug the other end into an appropriate power source.
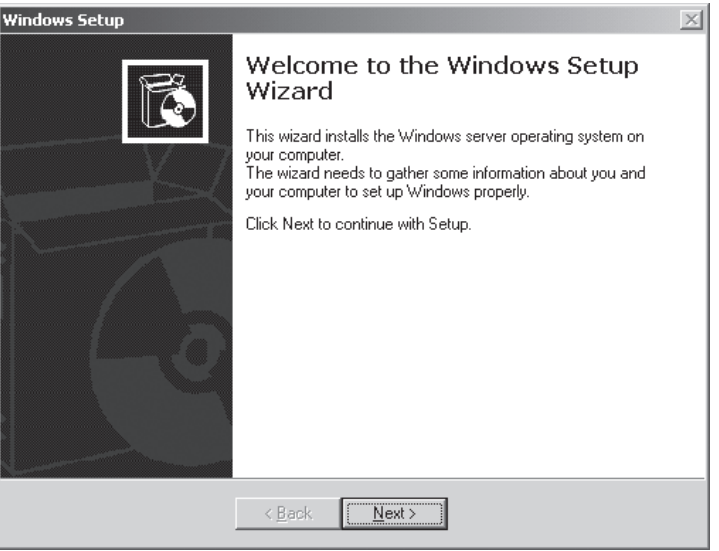
4 Powering on the server

Power on the ProLiant DL320 Firewall/VPN/Cache server. Refer to the ProLiant DL320 G3 server documentation for additional information.

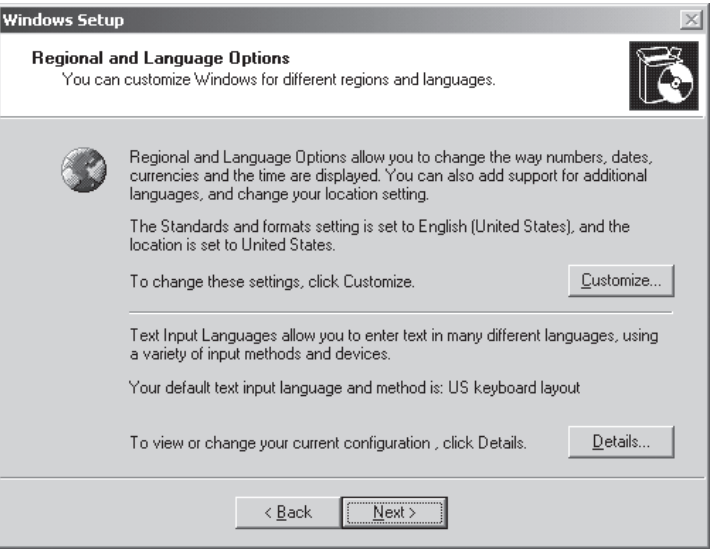## 5 Completing the ProLiant DL320 Firewall/VPN/Cache Server Setup Wizard

After powering on the ProLiant DL320 Firewall/VPN/Cache server, the Microsoft® Windows® Server 2003 dialog box displays. It might take a few minutes for the ProLiant DL320 Firewall/VPN/Cache server to initialize.

Windows Setup
Microsoft
Windows Server 2003
Copyright © 1985-2003 Microsoft Corporation
Microsoft
Please wait…
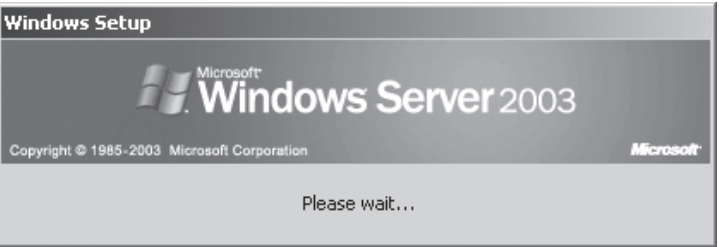
1. At the Welcome to the Windows Setup Wizard page, click **Next.**

Windows Setup
Welcome to the Windows Setup Wizard
This wizard installs the Windows server operating system on your computer.
The wizard needs to gather some information about you and your computer to set up Windows properly.
Click Next to continue with Setup.
< Back   Next >

2. At the Regional and Language Options page, follow the instructions to set the regional and language options or to use the default language, which is English (United States), and then click **Next.**

Windows Setup
Regional and Language Options
You can customize Windows for different regions and languages.
Regional and Language Options allow you to change the way numbers, dates, currencies and the time are displayed. You can also add support for additional languages, and change your location setting.
The Standards and formats setting is set to English (United States), and the location is set to United States.
To change these settings, click Customize.   Customize...
Text Input Languages allow you to enter text in many different languages, using a variety of input methods and devices.
Your default text input language and method is: US keyboard layout
To view or change your current configuration , click Details.   Details...
< Back   Next >

3. At the Computer Name and Administrator Password page:

   a. In the Computer name text box, enter the computer name recorded on the network information card.

   b. In the Administrator password text box, enter the administrator password created as part of completing the network information card. The administrator password is used to obtain administrator privileges to manage the ProLiant DL320 Firewall/VPN/Cache server.

   c. In the Confirm password text box, enter the administrator password again, and click **Next**.
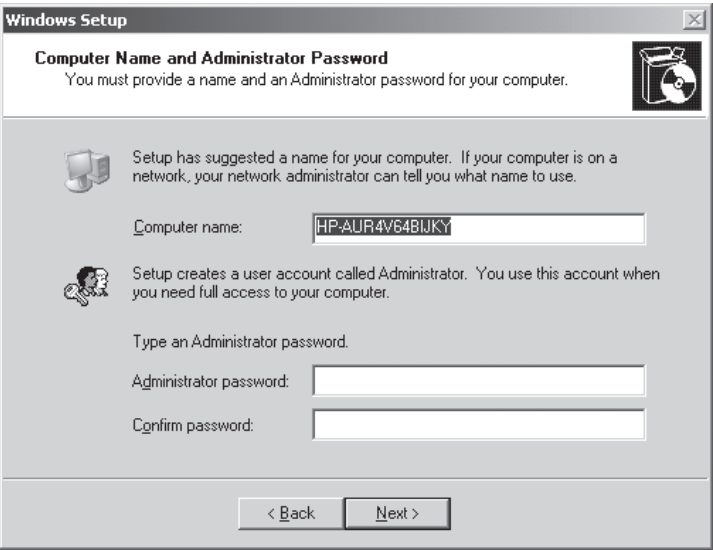
4. At the Date and Time Settings page:

   a. Select the correct date and time.

   b. Select the correct time zone. If your area uses daylight savings time, select the **Automatically adjust clock for daylight saving changes** checkbox.

   c. Click **Next**.
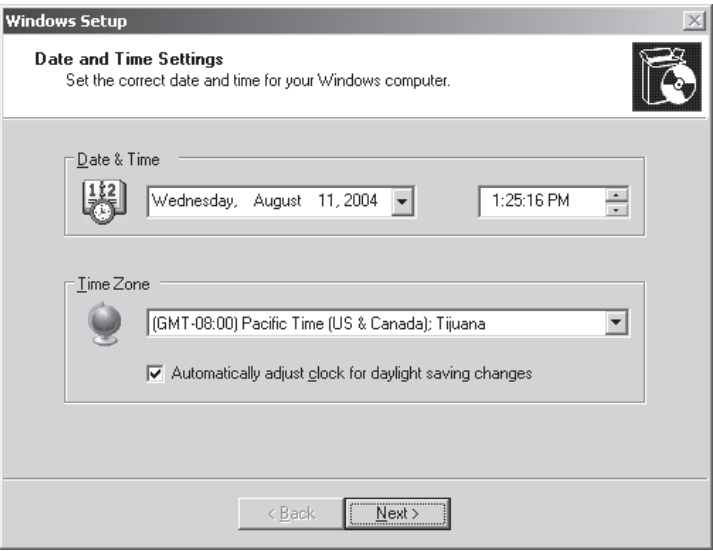
The Networking Settings page displays the progress of network services invocation.

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5. At the Internal Connection TCP/IP Settings page:

   a. Select **Use the following IP address.**

   📝 **NOTE:** If there is a DHCP server in the internal network, and a fixed address was reserved for the firewall, select **Obtain an IP address automatically.**

   b. In the IP address and Subnet mask text boxes, enter the network IP addresses recorded on the network information card for the internal network interface IP address and the subnet mask IP address.

   c. Select **Use the following DNS server addresses.**

   d. In the Preferred DNS server text box, enter the DNS server IP address. If there is an alternate DNS server, enter the IP address in the Alternate DNS server text box.

   e. Click **Next.** The External Connection TCP/IP Settings page provides the details for the external network adapter.
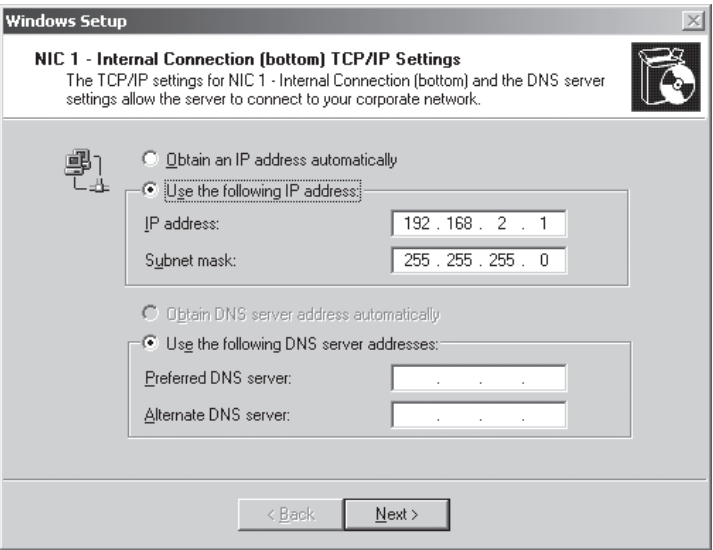

6. If using a static IP address supplied by an Internet service provider (ISP), select **Use the following IP address,** and enter the IP addresses to use. Otherwise, select **Obtain an IP address automatically.**

📝 **NOTE:** Automatically obtaining an IP address on the external network interface might result in a warning indicating that the ISP can coincidentally assign the external NIC an IP address in the same network as the internal network interface.

To avoid configuring the external network interface, select the **Skip this step** checkbox. HP recommends configuring this interface at this time because the firewall is already enforcing a strict security policy.
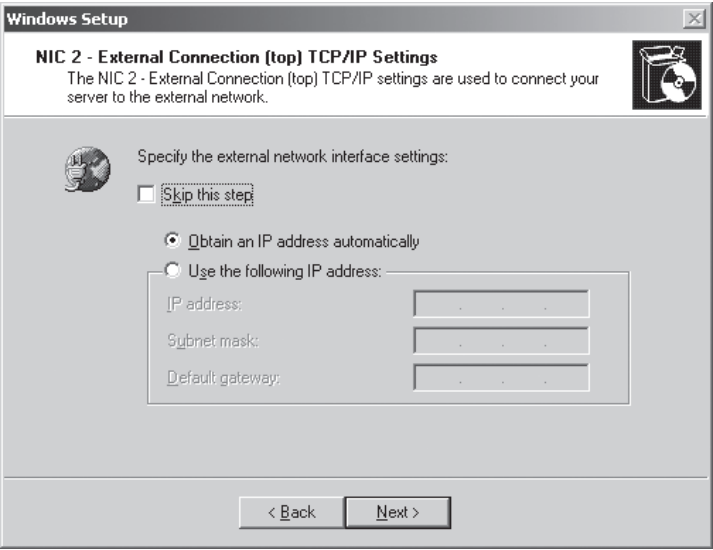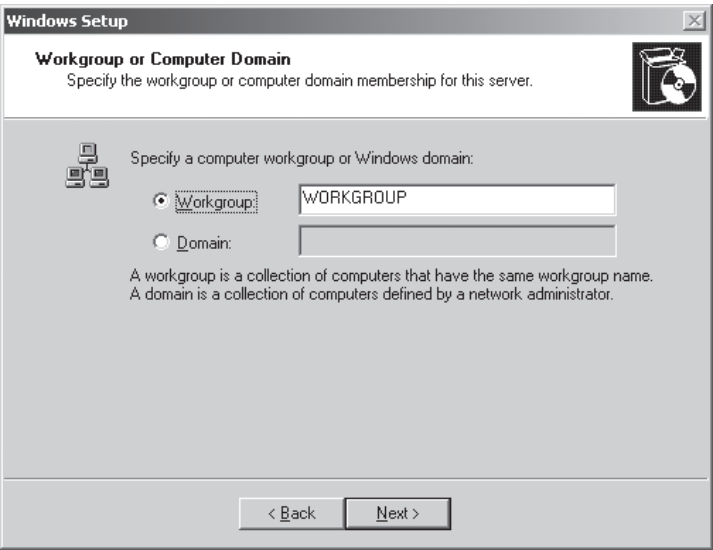

7. Click **Next.**

8. At the Workgroup or Computer Domain page, either select **Domain** and enter the appropriate domain name, or select **Workgroup** and enter the name of the workgroup recorded on the network information card.

📝 **NOTE:** When adding the server to a Windows domain, the domain group policies are applied to the server. If you are unsure of which option to select, HP recommends selecting the Workgroup option. A domain can be joined anytime after setup completes.

9. Click Next.

The ProLiant DL320 Firewall/VPN/Cache server performs some final tasks, as displayed on the Performing Final Tasks page, and automatically restarts.

10. Log on to the server using the administrator password previously established.

HP Virus Throttle

HP Virus Throttle, a network packet-filtering feature that helps slow the spread of viruses, is automatically installed and enabled when you log on to the server for the first time. The installation requires no user interaction and takes only a few moments. When the installation is complete, the server automatically reboots.

For information about configuring Virus Throttle, refer to the "HP Virus Throttle" section of the *HP ProLiant DL320 Firewall/VPN/Cache Server User Guide* included with the server. For additional in-depth information about Virus Throttle, refer to the *HP ProLiant Essentials Intelligent Networking Pack User Guide* at

http://h18004.www1.hp.com/ products/servers/proliantessentials/inp/index.html.

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6 Configuring the ProLiant DL320 Firewall/VPN/Cache server

The installation is complete. The ProLiant DL320 Firewall/VPN/Cache server is a powerful network access control device that can be configured to enable internal network clients to access the Internet, set up as a virtual private network (VPN) server, and set up to allow secure connections from Internet users to servers on the internal network.

For additional setup and configuration options, refer to the *HP ProLiant DL320 Firewall/VPN/Cache Server User Guide.*

When logging on to the ProLiant DL320 Firewall/VPN/Cache server for the first time, read the information displayed on the Getting Started page. This information guides you through the basic configuration steps. (This page can be accessed at anytime by clicking the node with the server name on it.)

📝 **NOTE:** At the Getting Started page, HP recommends clicking **Define your ISA Network Configuration.** This starts the Network Template Wizard, which quickly sets up an initial policy configuration based on your preferences and network topology.